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Computer Architectures for Machine Perception, 2000. Proceedings. Fifth IEEE International Workshop on , 2000

Page(s): 69 -78

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Circuits and Systems, 2000. Proceedings. ISCAS 2000 Geneva. The 2000 IEEE International Symposium on , Volume: 2 , 2000

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Science, Measurement and Technology, IEE Proceedings- , Volume: 148 Issue: 5  
2001  
Page(s): 225 -228

[\[Abstract\]](#) [\[PDF Full-Text \(552 KB\)\]](#) **IEE JRN**

---

**5 Quantum states of small superconductors**

*Scovell, R.W.; Gyorffy, B.L.; Annett, J.F.; Spiller, T.;*

Science, Measurement and Technology, IEE Proceedings- , Volume: 148 Issue: 5  
2001

Page(s): 233 -236

[\[Abstract\]](#) [\[PDF Full-Text \(608 KB\)\]](#) **IEE JRN**

---

**6 Design of an RSFQ control circuit to observe MQC on an rf-SQUID**

*Rey-de-Castro, R.C.; Bocko, M.F.; Herr, A.M.; Mancini, C.A.; Feldman, M.J.;*

Applied Superconductivity, IEEE Transactions on , Volume: 11 Issue: 1 , Mar 200  
Page(s): 1014 -1017

[\[Abstract\]](#) [\[PDF Full-Text \(348 KB\)\]](#) **IEEE JRN**

---

**7 SQUID systems for macroscopic quantum coherence and quantum com**

*Carelli, P.; Castellano, M.G.; Chiarello, F.; Cosmelli, C.; Leoni, R.; Torrioli, G.;*

Applied Superconductivity, IEEE Transactions on , Volume: 11 Issue: 1 , Mar 200  
Page(s): 210 -214

[\[Abstract\]](#) [\[PDF Full-Text \(704 KB\)\]](#) **IEEE JRN**

---

**8 A tipping pulse scheme for a rf-SQUID qubit**

*Xingxiang Zhou; Habif, J.L.; Herr, A.M.; Feldman, M.J.; Bocko, M.F.;*

Applied Superconductivity, IEEE Transactions on , Volume: 11 Issue: 1 , Mar 200  
Page(s): 1018 -1021

[\[Abstract\]](#) [\[PDF Full-Text \(400 KB\)\]](#) **IEEE JRN**

---

**9 Inductance effects in the persistent current qubit**

*Crankshaw, D.S.; Orlando, T.P.;*

Applied Superconductivity, IEEE Transactions on , Volume: 11 Issue: 1 , Mar 200  
Page(s): 1006 -1009

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